

# 1 Macros supported by location

## Overview

The table contains a complete list of macros supported by Zabbix.

- **X** means “supported” in that location
- The numbered macro syntax of {MACRO<1-9>} is used to reference hosts in the order in which they appear in a trigger expression. Thus, macros like {HOST.IP1}, {HOST.IP2}, {HOST.IP3} will expand to the IP of the first, second and third host in the trigger expression, providing the expression contains those hosts.

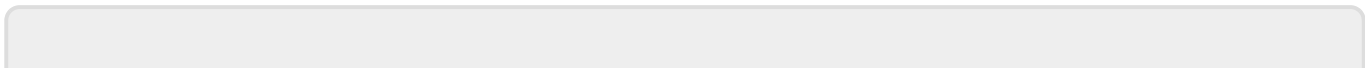
	URL field of dynamic URL <b>screen</b> element																			▼DESCRIPTION▼	
	Low-level discovery rule filter regular <b>expressions</b>																				
	Graph <b>names</b>																				
	Web <b>monitoring</b> <sup>6</sup>																				
	DB monitoring additional <b>parameters</b> , SSH and Telnet <b>scripts</b>																				
	Host interface <b>IP/DNS</b>																				
	Item <b>names</b>																				
	Trigger <b>names</b> and descriptions																				
	Trigger <b>expressions</b>																				
	Map <b>URLs</b>																				
	Map <b>labels</b> <sup>1</sup>																				
	Item key <b>parameters</b>																				
	Global <b>scripts</b> including confirmation text																				
	Low-level discovery rule based <b>internal</b> notifications																				
	Item based <b>internal</b> notifications																				
	Trigger based <b>internal</b> notifications																				
	Auto registration <b>notifications</b>																				
	Discovery <b>notifications</b>																				
	Trigger-based <b>notifications</b> and commands																				
▼MACRO▼	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
{ACTION.ID}	X	X	X	X	X	X															Numeric ID of the triggered action. Supported since 2.2.0.
{ACTION.NAME}	X	X	X	X	X	X															Name of the triggered action. Supported since 2.2.0.
{DATE}	X	X	X	X	X	X															Current date in yyyy.mm.dd format.
{DISCOVERY.DEVICE.IPADDRESS}	X																				IP address of the discovered device. Available always, does not depend on host being added.
{DISCOVERY.DEVICE.DNS}	X																				DNS name of the discovered device. Available always, does not depend on host being added.
{DISCOVERY.DEVICE.STATUS}	X																				Status of the discovered device: can be either UP or DOWN.
{DISCOVERY.DEVICE.UPTIME}	X																				Time since the last change of discovery status for a particular device. For example: 1h 29m. For devices with status DOWN, this is the period of their downtime.
{DISCOVERY.RULE.NAME}	X																				Name of the discovery rule that discovered the presence or absence of the device or service.

{DISCOVERY.SERVICE.NAME}	X																				Name of the service that was discovered. For example: HTTP.
{DISCOVERY.SERVICE.PORT}	X																				Port of the service that was discovered. For example: 80.
{DISCOVERY.SERVICE.STATUS}	X																				Status of the discovered service: can be either UP or DOWN.
{DISCOVERY.SERVICE.UPTIME}	X																				Time since the last change of discovery status for a particular service. For example: 1h 29m. For services with status DOWN, this is the period of their downtime.
{ESC.HISTORY}	X		X	X	X																Escalation history. Log of previously sent messages. Shows previously sent notifications, on which escalation step they were sent and their status (sent, in progress or failed).
{EVENT.ACK.HISTORY}	X																				Log of acknowledgements on the problem.
{EVENT.ACK.STATUS}	X																				Acknowledgement status of the event (Yes/No).
{EVENT.AGE}	X	X	X	X	X	X	X														Age of the event that triggered an action. Useful in escalated messages.
{EVENT.DATE}	X	X	X	X	X	X	X														Date of the event that triggered an action.
{EVENT.ID}	X	X	X	X	X	X	X														Numeric ID of the event that triggered an action.
{EVENT.RECOVERY.DATE}	X		X	X	X																Date of the recovery event. Can be used in <a href="#">recovery</a> messages only. Supported since 2.2.0.
{EVENT.RECOVERY.ID}	X		X	X	X																Numeric ID of the recovery event. Can be used in <a href="#">recovery</a> messages only. Supported since 2.2.0.
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	
{EVENT.RECOVERY.STATUS}	X			X	X	X															Verbal value of the recovery event. Can be used in <a href="#">recovery</a> messages only. Supported since 2.2.0.
{EVENT.RECOVERY.TIME}	X			X	X	X															Time of the recovery event. Can be used in <a href="#">recovery</a> messages only. Supported since 2.2.0.
{EVENT.RECOVERY.VALUE}	X			X	X	X															Numeric value of the recovery event. Can be used in <a href="#">recovery</a> messages only. Supported since 2.2.0.
{EVENT.STATUS}	X	X	X	X	X	X	X														Verbal value of the event that triggered an action. Supported since 2.2.0.
{EVENT.TIME}	X	X	X	X	X	X	X														Time of the event that triggered an action.
{EVENT.VALUE}	X	X	X	X	X	X	X														Numeric value of the event that triggered an action. Supported since 2.2.0.

{HOST.CONN<1-9>}	X		X	X	X	X	X <sup>2</sup>	X		X		X	X <sup>5</sup>	X	X <sup>8</sup>	X <sup>8</sup>	IP or host DNS name, depending on host settings <sup>3</sup> . Supported in trigger names since 2.0.0.				
{HOST.DESCRPTION<1-9>}	X		X	X	X		X										Host description. Supported since 2.4.0.				
{HOST.DNS<1-9>}	X		X	X	X	X	X <sup>2</sup>	X		X		X	X <sup>5</sup>	X	X <sup>8</sup>	X <sup>8</sup>	Host DNS name <sup>3</sup> . Supported in trigger names since 2.0.0.				
{HOST.HOST<1-9>}	X	X	X	X	X	X	X		X	X	X <sup>5</sup>	X		X <sup>8</sup>	X <sup>8</sup>	Host name. {HOSTNAME<1-9>} is deprecated.					
{HOST.ID}								X								X <sup>8</sup>	Host ID.				
{HOST.IP<1-9>}	X	X	X	X	X	X	X <sup>2</sup>	X		X		X	X <sup>5</sup>	X	X <sup>8</sup>	X <sup>8</sup>	Host IP address <sup>3</sup> . Supported since 2.0.0. {IPADDRESS<1-9>} is deprecated.				
{HOST.METADATA}		X															Host metadata. Used only for active agent auto-registration. Supported since 2.2.0.				
{HOST.NAME<1-9>}	X	X	X	X	X	X	X		X	X	X <sup>5</sup>	X		X <sup>8</sup>	X <sup>8</sup>	Visible host name. Supported since 2.0.0.					
{HOST.PORT<1-9>}	X	X	X	X	X				X								Host (agent) port <sup>3</sup> . Supported in auto-registration since 2.0.0. Supported in trigger names, trigger descriptions, internal and trigger-based notifications since 2.2.2.				
{HOSTGROUP.ID}								X									Host group ID.				
{INVENTORY.ALIAS<1-9>}	X		X	X	X												Alias field in host inventory.				
{INVENTORY.ASSET.TAG<1-9>}	X		X	X	X												Asset tag field in host inventory.				
{INVENTORY.CHASSIS<1-9>}	X		X	X	X												Chassis field in host inventory.				
{INVENTORY.CONTACT<1-9>}	X		X	X	X												Contact field in host inventory. {PROFILE.CONTACT<1-9>} is deprecated.				
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	
{INVENTORY.CONTRACT.NUMBER<1-9>}	X		X	X	X																Contract number field in host inventory.
{INVENTORY.DEPLOYMENT.STATUS<1-9>}	X		X	X	X																Deployment status field in host inventory.
{INVENTORY.HARDWARE<1-9>}	X		X	X	X																Hardware field in host inventory. {PROFILE.HARDWARE<1-9>} is deprecated.
{INVENTORY.HARDWARE.FULL<1-9>}	X		X	X	X																Hardware (Full details) field in host inventory.
{INVENTORY.HOST.NETMASK<1-9>}	X		X	X	X																Host subnet mask field in host inventory.
{INVENTORY.HOST.NETWORKS<1-9>}	X		X	X	X																Host networks field in host inventory.
{INVENTORY.HOST.ROUTER<1-9>}	X		X	X	X																Host router field in host inventory.
{INVENTORY.HW.ARCH<1-9>}	X		X	X	X																Hardware architecture field in host inventory.
{INVENTORY.HW.DATE.DECOMM<1-9>}	X		X	X	X																Date hardware decommissioned field in host inventory.
{INVENTORY.HW.DATE.EXPIRY<1-9>}	X		X	X	X																Date hardware maintenance expires field in host inventory.
{INVENTORY.HW.DATE.INSTALL<1-9>}	X		X	X	X																Date hardware installed field in host inventory.
{INVENTORY.HW.DATE.PURCHASE<1-9>}	X		X	X	X																Date hardware purchased field in host inventory.
{INVENTORY.INSTALLER.NAME<1-9>}	X		X	X	X																Installer name field in host inventory.
{INVENTORY.LOCATION<1-9>}	X		X	X	X																Location field in host inventory. {PROFILE.LOCATION<1-9>} is deprecated.



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
{INVENTORY.SITE.ADDRESS.A<1-9>}	X			X	X	X														Site address A field in host inventory.
{INVENTORY.SITE.ADDRESS.B<1-9>}	X			X	X	X														Site address B field in host inventory.
{INVENTORY.SITE.ADDRESS.C<1-9>}	X			X	X	X														Site address C field in host inventory.
{INVENTORY.SITE.CITY<1-9>}	X			X	X	X														Site city field in host inventory.
{INVENTORY.SITE.COUNTRY<1-9>}	X			X	X	X														Site country field in host inventory.
{INVENTORY.SITE.NOTES<1-9>}	X			X	X	X														Site notes field in host inventory.
{INVENTORY.SITE.RACK<1-9>}	X			X	X	X														Site rack location field in host inventory.
{INVENTORY.SITE.STATE<1-9>}	X			X	X	X														Site state/province field in host inventory.
{INVENTORY.SITE.ZIP<1-9>}	X			X	X	X														Site ZIP/postal field in host inventory.
{INVENTORY.SOFTWARE<1-9>}	X			X	X	X														Software field in host inventory. {PROFILE.SOFTWARE<1-9>} is deprecated.
{INVENTORY.SOFTWARE.APP.A<1-9>}	X			X	X	X														Software application A field in host inventory.
{INVENTORY.SOFTWARE.APP.B<1-9>}	X			X	X	X														Software application B field in host inventory.
{INVENTORY.SOFTWARE.APP.C<1-9>}	X			X	X	X														Software application C field in host inventory.
{INVENTORY.SOFTWARE.APP.D<1-9>}	X			X	X	X														Software application D field in host inventory.
{INVENTORY.SOFTWARE.APP.E<1-9>}	X			X	X	X														Software application E field in host inventory.
{INVENTORY.SOFTWARE.FULL<1-9>}	X			X	X	X														Software (Full details) field in host inventory.
{INVENTORY.TAG<1-9>}	X			X	X	X														Tag field in host inventory. {PROFILE.TAG<1-9>} is deprecated.
{INVENTORY.TYPE<1-9>}	X			X	X	X														Type field in host inventory. {PROFILE.DEVICETYPE<1-9>} is deprecated.
{INVENTORY.TYPE.FULL<1-9>}	X			X	X	X														Type (Full details) field in host inventory.
{INVENTORY.URL.A<1-9>}	X			X	X	X														URL A field in host inventory.
{INVENTORY.URL.B<1-9>}	X			X	X	X														URL B field in host inventory.
{INVENTORY.URL.C<1-9>}	X			X	X	X														URL C field in host inventory.
{INVENTORY.VENDOR<1-9>}	X			X	X	X														Vendor field in host inventory.
{ITEM.DESCRPTION<1-9>}	X			X	X	X														Description of the Nth item in the trigger expression that caused a notification. Supported since 2.0.0.
{ITEM.ID<1-9>}	X			X	X	X														Numeric ID of the Nth item in the trigger expression that caused a notification. Supported since 1.8.12.
{ITEM.KEY<1-9>}	X			X	X	X														Key of the Nth item in the trigger expression that caused a notification. Supported since 2.0.0. {TRIGGER.KEY} is deprecated.
{ITEM.KEY.ORIG<1-9>}	X			X	X	X														Original key (with macros not expanded) of the Nth item in the trigger expression that caused a notification. Supported since 2.0.6.
{ITEM.LASTVALUE<1-9>}	X										X									



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